



FIG. 1

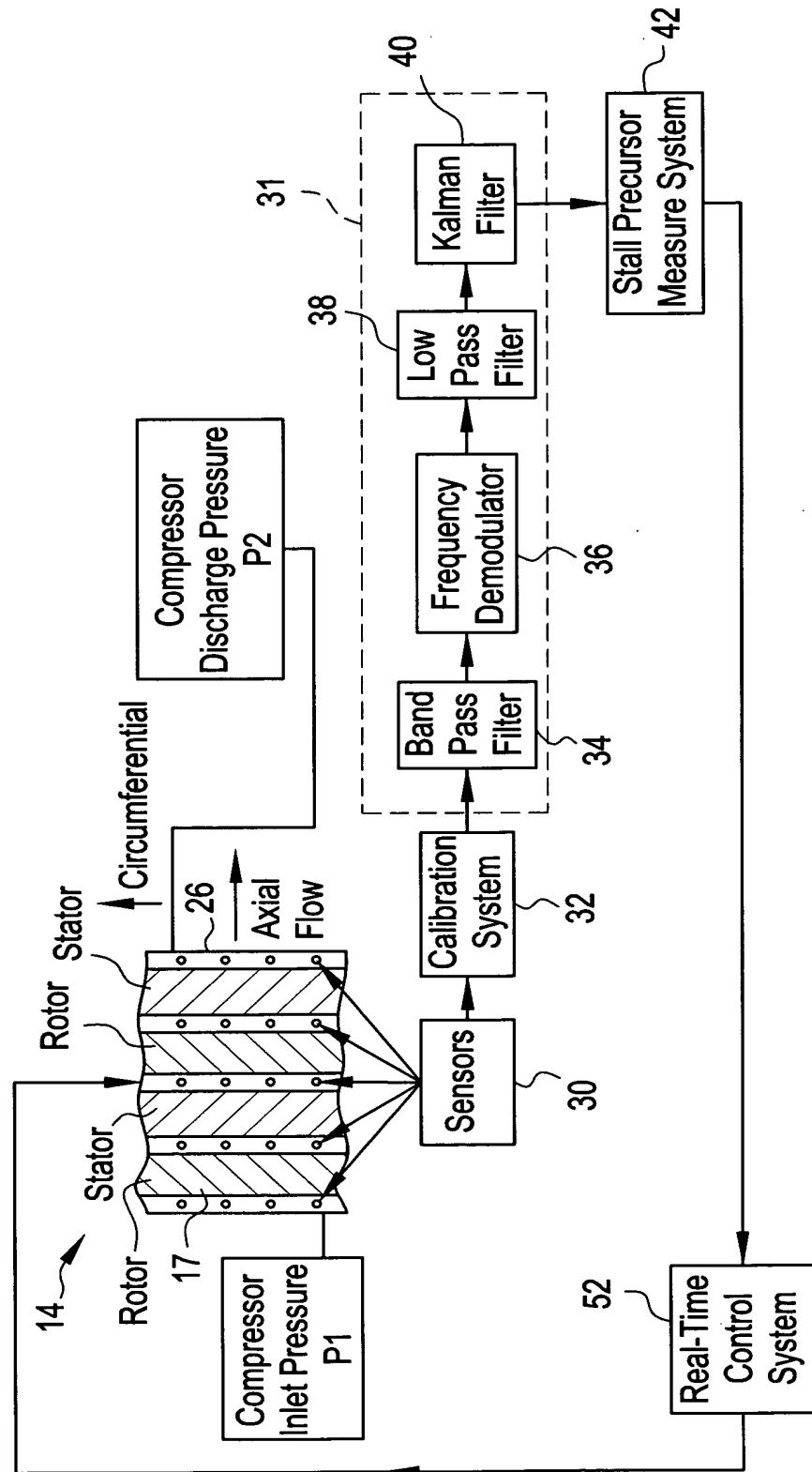
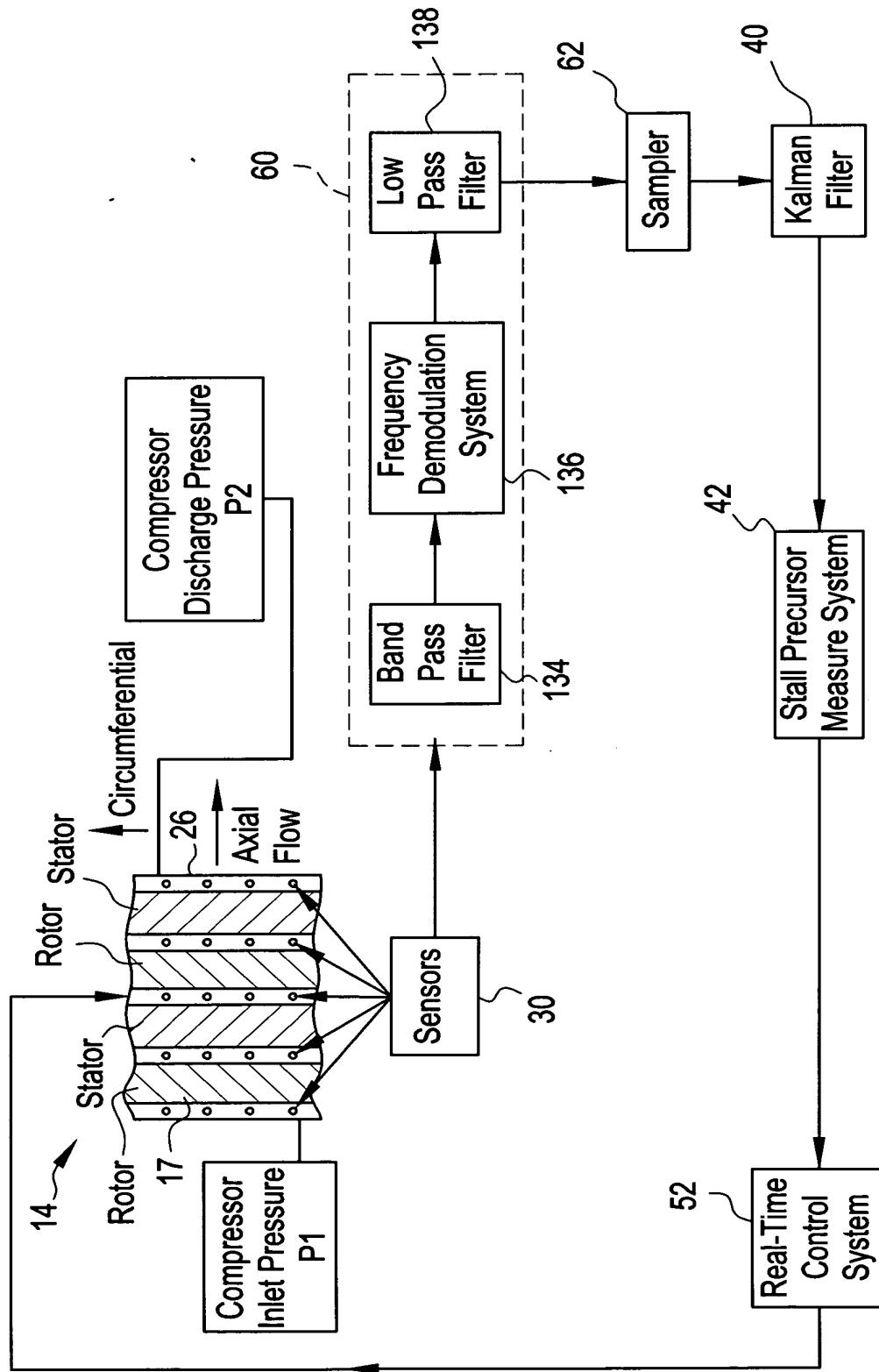




FIG. 2





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FIG. 3

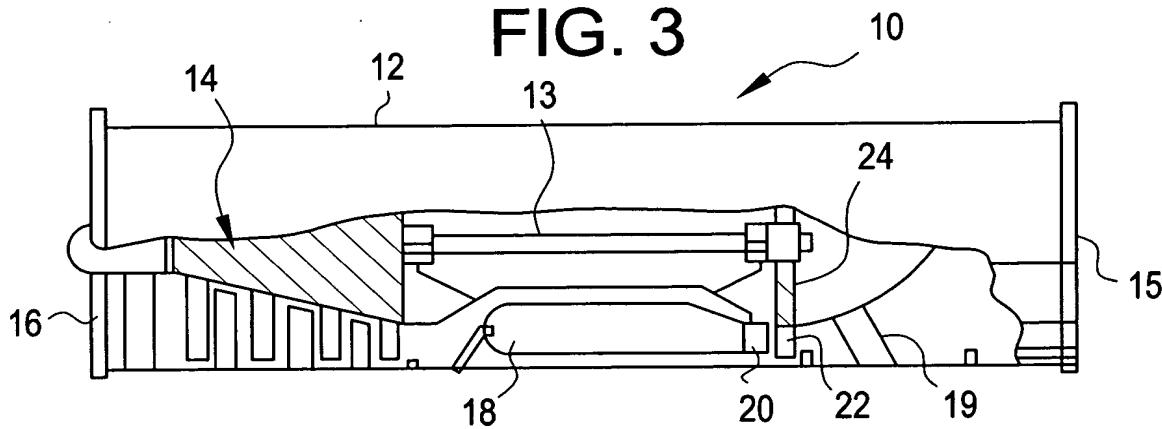
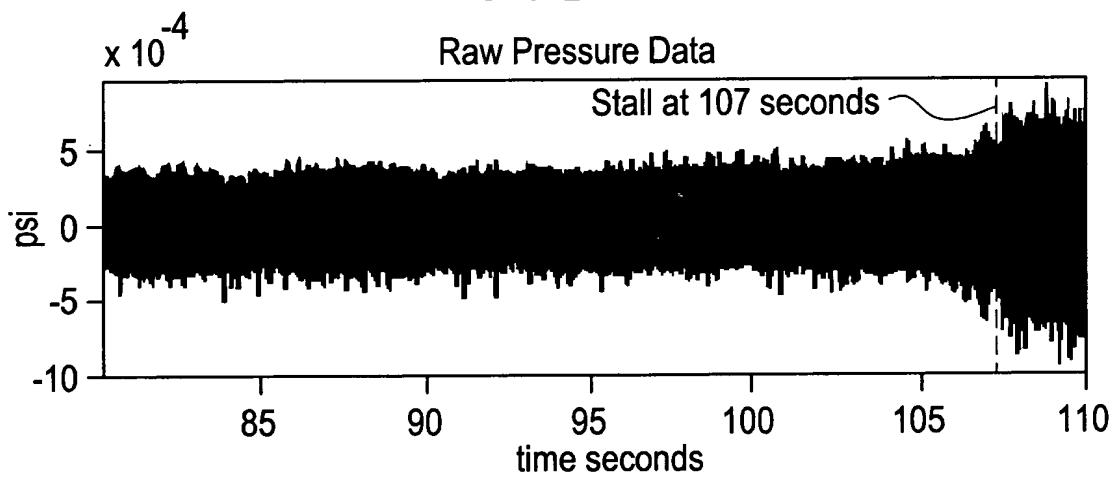


FIG. 4

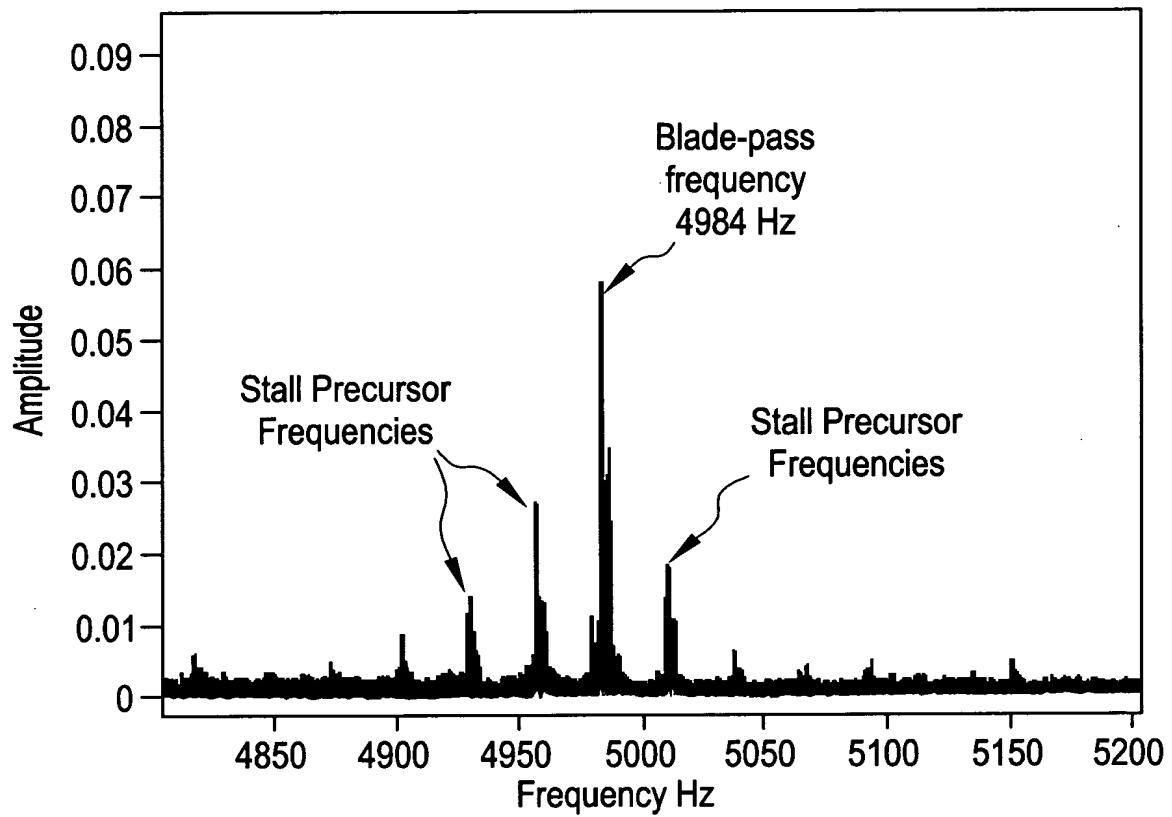




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FIG. 5

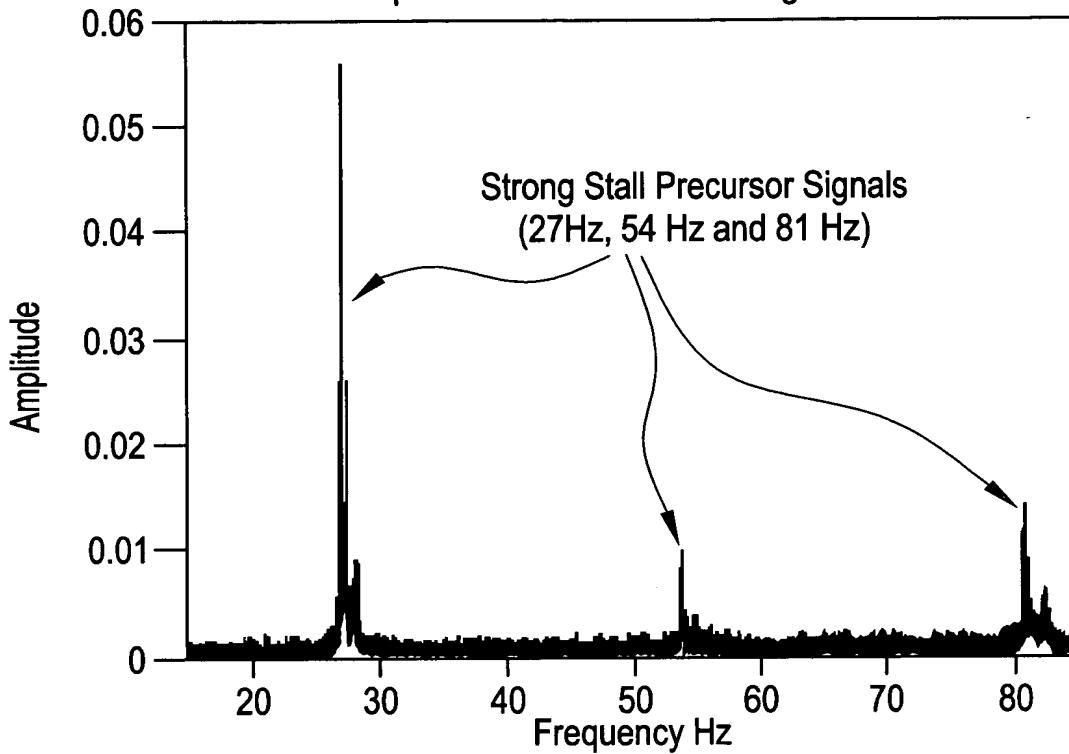
FFT Analysis around Blade-pass Frequency



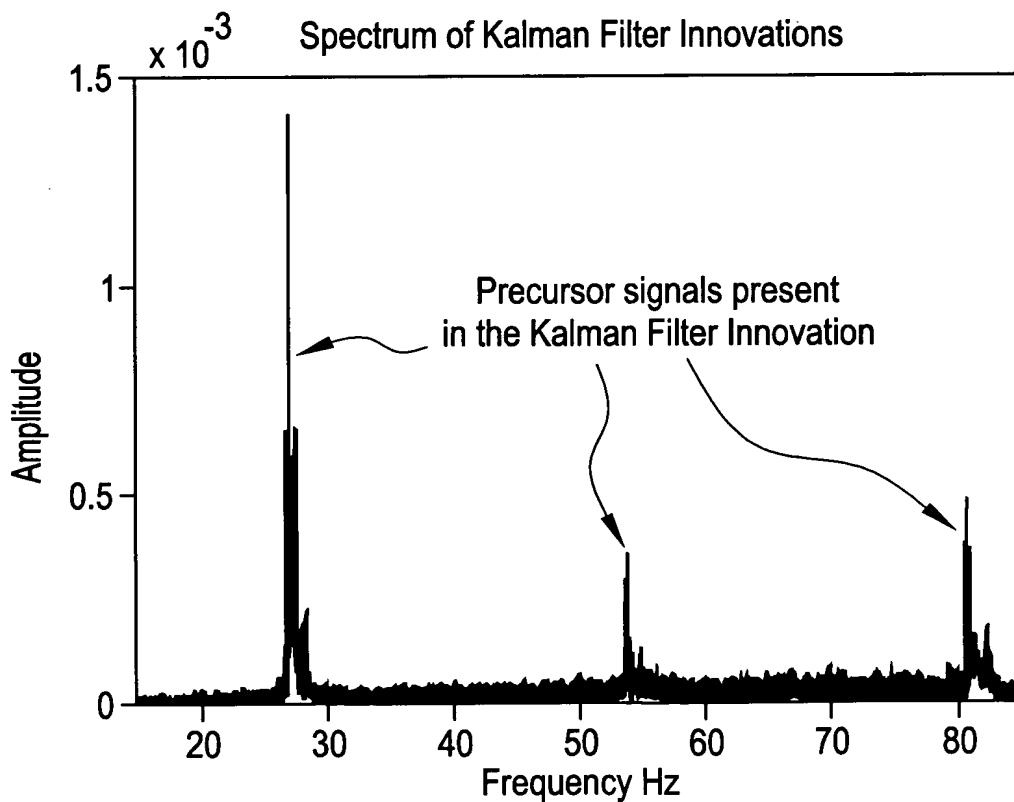


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**FIG. 6**  
Spectrum of Demodulated Signal



**FIG. 7**



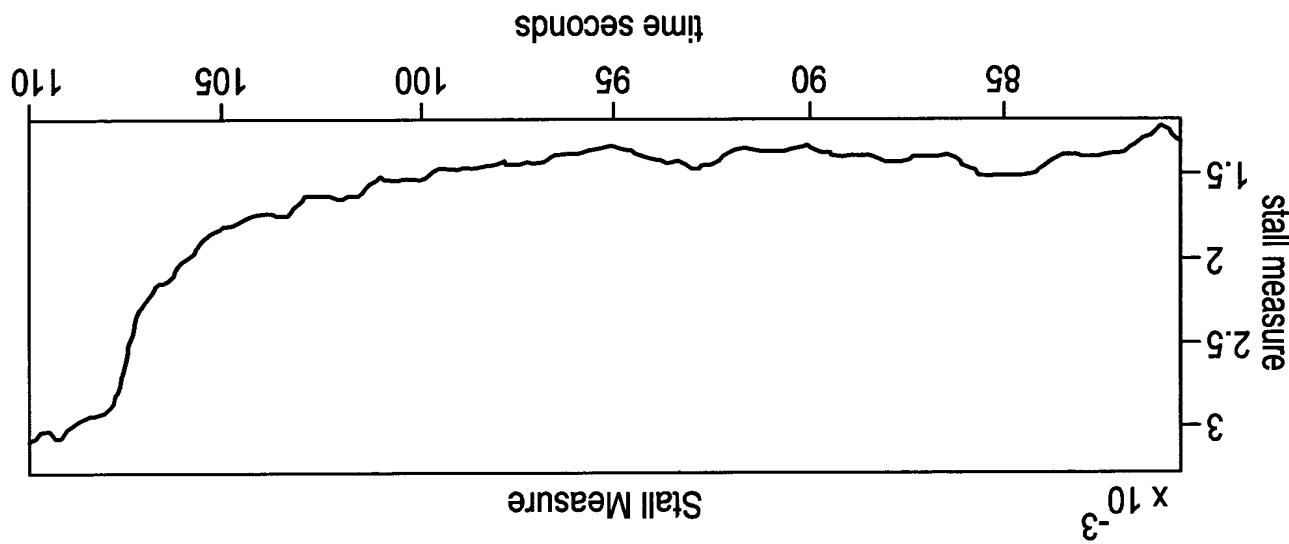


FIG. 8

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METHOD AND SYSTEM FOR DETECTING PRECURSORS TO COMPRESSOR STALL AND SURGE  
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